上記二種ノ學名ノ中何レカ一方ヲ採用シ他ハソノ異名トシナケレバナラナイガ、サテ此ノ地衣ヲ獨立ノ種トスルカ、タヾノ品種ニシテオクカハ相當ナ問題デアル。

朝比奈博士ノ最近ノ研究ニヨレバ、*Cetraria collata* 及ビ f. *nuda* 等ヨリハ地衣成分トシテ Collatol 酸ト云フ Depsidon ヲ得ラレルガ、f. *microphyllina* ヨリハ Microphyllin 酸ナル Depsid ガ得ラレル。ソノ構造ハ上ニ示シタ通リデアルガ、更ニ顯微化學的ニソノ結晶形ノ違ヒデ簡單ニ見ルコトガ出來ル。卽チ f. *microphyllina* ノ切片ヲ作リ、之ヲ顯微鏡下ニ裝置シテ横カラ NaOH ノ 1% 位ノ水溶液ヲ注グト忽チニシテ第 16 圖ノ樣ナ結晶ガ地衣體ノ內外ニ澤山生ズルガ、Collatol 酸ノ方ハ NaOH ニスグニ溶解シテ了フノデ結晶ヲ生ジナイ。カクノ如ク此等問題ノ地衣ハソノ外形ガ明瞭ニ異ルノミナラズ、ソノ化學成分モ著シク相違スルモノデ、獨立ノ相異ル種トシタ。

本種ハ日本ノ山地ニハ屢々見ラレルガ、殆ンド子器ヲ生ジナイ。

Studia Monocotyledonearum Japonicarum (I)

auctore

Fumio MAEKAWA.

前川文夫： 日本產單子葉植物考察 (其一)

1) **Lilium chrysanthum** NAKAI et F. MAEKAWA sp. nov.

Hæc species *Lilio tenuifolio* affinis, sed exquo flore flavo nunquam coccineo, antheris intense rubescenti-purpureis non coccineis bene distinguenda.

Caulis erectus 40 cm. altus, 3.5 mm. in diametro griseo-viridis glaberrimus, infra medium eximie foliosus. Folia linearia erecto-patentia 4–8 cm. longa 2 mm. lata sursum attenuata margine obtuso-microdentata, dorso costâ crassâ elevata griseo-viridia glaberrima.

Racemus terminalis oliganthus, floribus cernuis flavis fœtidis ca. 5 cm. in diametro; pedunculus ca. 5 cm. longus basi vel supra basin bracteâ foliaceâ obtectus apice purpureo-suffusus. Tepala homomorpha horizontali-patentia valde recurvataque late lanceolata 3.5 cm. longa 1.3–1.5 cm. lata apice

obtusa atque papillosa, extus "Light Cadmium" (Ridgway's Color Standard) intus "Cadmium Yellow" nitida basi viridescentia cum lamellis ca. 1cm. longis duabus parallelis costato-ornata.

Stamina pistillo subæquilonga erecto-patentia, filamentis 1.5–2 cm. longis viridescentibus glaberrimis, antheris lineari-oblongis ca. 1cm. longis basi hastatis intense rubescenti-purpureis, connectviis viridulis.
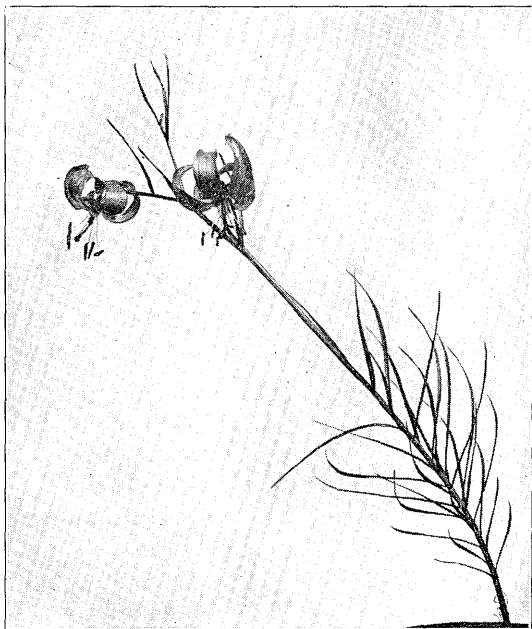
Fig. 1. *Lilium chrysanthum* (× 1/5)

Ovarium 10 mm. longum lineari-hexagonale ; stylus clavatus glaber ; stigma deltoideo-capitatum 3–4.5 mm. in diametro subtrilobum fulvo-rubescens papillosum.

Nom. Jap. *Kogane-Yuri* (nom. nov.)

Hab. Korea : prov. Kanhoku (R. SAITO lectum et floret in Maio 1931 in Horto Botanico Koishikawense-Typus in Herb. Imp. Univ. Tokyo.)

2) **Hosta venusta** F. MAEKAWA sp. nov.

Rhizoma oblique repens ca. 3mm. latum. Scapus cum racemo 20 cm. altus folia duplo superans gracilis angulatus supra medium racemosus. Folia fasciculata 8–10 cm. alta erecto-patentia, petiolo gracile anguste alato-canaliculato 3.5–6.5 cm. longo, laminâ 3.2–4 cm. longâ 1.7–2.2 cm. latâ ovatâ vel ovato-ellipticâ mucronatâ basi rotundatâ atque subito contracto-decurrente supra planâ opacâ vel metallico-lucidusculâ, margine plus minus undulatâ exsiccatione membranaceâ nervis utrinque 3–4, venis tenuissimis. Racemus erectus 4–8-florus secundus ; flores patent in mense Junio vel Julio. Bracteæ 3–

4.5 mm. longæ pedicello breviores ovatæ vel elliptico-ovatæ leviter concavæ primo herbaceæ sub anthesi jam scariosæ. Pedicelli horizontales 6–8 mm. longi. Corollæ albo-lilacinæ (Light Hortense Violet) campanulato-infundibulares supra medium subito dilatatæ 26–32 mm. longæ 18–24 mm. latæ, parte tubi angustâ 10–12 mm. longâ, inflatâ 8–10 mm. longâ, lobis erecto-patentibus

Fig. 2. Flowers of *Hosta venusta* (× 2/3) Fig. 3. *Hosta venusta* (× 1/3)

exterioribus lanceolatis 10 mm. longis 4.5–4.8 mm. latis, interioribus 6–7mm. latis. Stamina corollam paulum superantia 3.3–3.5 cm. longa, antherâ 2.7 mm. longâ oblongâ cinereo-purpurascente. Stylus staminibus longior, ovario ca. 3 mm. longo oblongo.

Nom. Jap. *Otome-Gibôshi* (nom. nov.)

Hab. Hondo : Tokyo cult. (T. TERASAKI, Jul. 1934), forsan in montibus Nikkoensibus spontanea et exquibus allata.

This is very distinct species by its small graceful leaves, slender petioles, and angulate scaps.

廣イ日本ノ中デハ植物ノ種類ニ富ムコトハ想像以上デアツテ、從ツテ未ダ整

理ヲサレテ居ナイ部分モ相當ニアル。ソレラヲ見テ行ク内デ氣ノツイタモノヲコヽニハ單子葉植物ダケニ限ツテ述ベテ行キタイト思フ。コレニツイテハ恩師中井猛之進先生ノ懇篤ナ御指導ヲ頂イタモノデアツテ、コヽニ改メテ厚ク御禮ヲ申上ゲル。又何カト御援助ヲ下サツタ諸賢ニモ感謝ノ意ヲ表スル。

1) **こがねゆり**（新種）

北鮮ノ山地ニ生ズル百合ノ一種デ、莖高 40 cm. 位、蒼綠色デ圓柱狀ヲナシ下部ニ多數ノ線形葉ヲ附ケル。葉ハ斷面大體三角形ヲ呈シ莖ト同色、磁器ノ表面ノ樣ナ光澤ガアリ、葉緣ニハ微細ノ波狀凹凸ガアル。初夏ノ候ニ莖頂ニ二三花ヲ點頭スルガ、徑 5 cm. 黃色デ美シイガ惜シイ事ニ惡臭ガアル。花蓋片ハ顯著ニ反捲シ雌雄蕊ハ挺出シ互ヒニホヾ同長、葯ハ紅紫色デアル。朝鮮滿洲ニ分布スルほそばゆり *Lilium tenuifolium* FISCHER ハコレニ近イガ花蓋片、葯共ニ濃朱紅色デアルカラ區別出來ル。又**シベリア**ノ**ハバロフスク**ノ採品デ*Lilium mandshuricum* GANDOGER トイフモノ、記載ハ簡單ナガラヨク似テ居ルガ葉ハ廣ク、線狀披針形デアリ、中井先生ニヨレバ *Lilium concolor* SALISB. ノ系統ニ屬スベキモノノ由デアルカラ全然異ナル。本種ハ咸北デ齋藤龍本氏ガ採集サレタ株ガ小石川植物園ニ齎ラサレテ開花シタノニ依ツタ。因ニ *Lilium tenuifolium* ノ和名ニすげゆりヲ使フケレドモ、コノ名ハ九州ノのひめゆりノ一名デ間違ヒ易イ。所ガ日本園藝會雜誌第 70 號（明治 29 年 3 月發行）ニ牧野先生ガ"亞細亞大陸產ほそばゆり之記"ト題シテ田中芳男氏カラ示サレタ遼東產ノモノノ記事ガアリコレニほそばゆりノ新稱* ヲ與ヘ、形狀ヲ詳述シ先生自筆ノ立派ナ圖版迄附ケテアルノデコノ和名ヲ採用シタイ。

2) **をとめぎばうし**（新種）

昨夏、寺崎留吉氏カラ一鉢ノぎばうしヲ頂戴シタ。形狀眞ニ愛ラシイモノデ、葉ハ卵狀ノ葉身ト細長ノ葉柄トニ明瞭ナ區別ガアリ、花莖ハ葉ヲ抽キ稜線ガアリ、數花ヲ附ケル。花ハ割合ニ大形デ長サ 30 mm. 內外、花筒ハ中部デ急ニ擴大シ僅カニ鐘狀ヲ帶ビタ漏斗狀ヲ呈スル。色ハ淡紫光澤ガアルガ、蕾デハ更ニ濃色且ツ光澤强クじゆずだまヲ聯想スル。花梗ハ 8 mm. 內外長イ方デハナイガコレニ附隨スル苞葉ハ夫レニ比シテ短カイノモ特徵デアル。本種ノ自生地ハ確證ハナイガ日光ラシイ、寺崎氏ニヨレバ氏ノ友人、松崎豐一郎氏ガ二十年餘

* *Lilium tenuifolium* FISCHER, MAKINO in Journal de la Société D'Horticulture du Japon No. 70 : 4 cum tab. (1896).

リモ前ニ日光ニ遊ビ戰場ケ原ノ一茶店デ土産ニ購メタひめしやくなげノ株ニ混ジテ居タ由デコレヲ增殖サレタモノト聞イタ。日光デハひめしやくなげヲ他ヨリ持チ込ムコトモ無カラウカラ多分戰場ケ原ニ自生ガアルモノト思フ。シカシ今迄ノ私ハコレヲ同地デ採集シタ人アルヲ聞カナイ。 (ツヾク)

Notes on Japanese Species of the genus *Fimbristylis* (I)

By

Takasi TUYAMA

津山 尙: 日本產てんつき屬報知 (其一)

1) **Fimbristylis campylophylla** TUYAMA sp. nov.

Radix tenuiter fibrosa fusca vel pallido-fusca. Culmi laterales cæspitosa erecti vel subpatentes quinquangulares glabri 8–26 cm. longi 1.0–1.2 mm. crassi in sicco leviter striati basi vaginati, vaginis cylindricis 2.5–3.5 cm. longis 2.0–2.5 mm. crassis membranaceis glabris apice subacutis truncatis ore obliquis glabris. Folia suberecta vel erecto-patentia sursum arcuato-deflexa 13–45 cm. longa 2.0–3.5mm. lata culmos superantia vel leviter breviora plana foliacea vel subcoriacea supra nitidiuscula subtus pallidiora margine scabra sursum scaberrima apice gradatim angustata obtusa basi dilatata membranacea albido-fuscescentia circ. 2.5 mm. lata, centralia basi vaginata. Umbella terminalis decomposita 4–7 radiata 7–32-spiculata, radiis glabris 0.5–3.0 cm. longis patentibus compressis, umbellulis 2–4 spiculatis, radiolis 0.5–0.9 cm. longis gracilibus, involucro 5–phyllo, phyllis erectis setaceis lanceolatis vel ovato-lanceolatis 0.7–1.8 cm. longis 1.0–1.5 mm. latis apice aristato-attenuatis scabris basi dilatatis pallidioribus viridi-sub-5-striatis, bracteolis 3–5 mm. longis lineari-aristatis. Spicula non glomerata centralis sessilis ovoidea vel ovato-ellipsoidea rarius globulosa 3.5–6.5 mm. longa 2.7–3.0 mm. lata apice obtusa, opaca fusco-nigrescens vel atro-fusca dense squamigera. Squama adpressa membranacea vel membranaceo-scariosa dorso convexa oblongo-elliptica vel ovato-oblonga 1.6–